CIVIL QUALITY CONSULTANTS & ENGINEERS

(Buildings Geo-Tech & Highway Materials Testing Laboratory)
An ISO 9001: 2015 Certified Company
NABL Accredited As Per ISO/IEC : 17025:2005 Laboratory

JAS-ANZ
ISO 9001:2000 CERTIFIED

Job No.: CQCE/BBMP/PRN/W No.16/2019-20 27.05.2020

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Executive Engineer,** Project Division RR Nagar Zone, BBMP, Bangalore.

Contractor : **Sri. Purushotham Raju N (Nadimpalli Purushotham Raju),** Contractor, Bangalore

Name of the work : Construction of MPED Building (Govt School) At Jalahalli Village in Ward No.16, BBMP, Bangalore.

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{20}

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	20.05.2020	27.05.2020	8.189	336.3	14.95
2	20.05.2020	27.05.2020	8.168	345.2	15.34
3	20.05.2020	27.05.2020	8.115	328.9	14.62

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For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

AE/JE(P) RRN

Assistant Executive Engineer
R.R. Nagar Project Sub-Division-01
Bruhat Bengaluru Mahanagara Palike

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Name of the work : Construction of MPED Building (Govt School) At Jalahalli Village in Ward No.16, BBMP, Bangalore.

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{20}

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	20.05.2020	17.06.2020	8.118	505.2	22.45
2	20.05.2020	17.06.2020	8.169	516.3	22.95
3	20.05.2020	17.06.2020	8.184	532.8	23.68

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Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{20}

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	20.05.2020	27.05.2020	8.135	348.5	15.49
2	20.05.2020	27.05.2020	8.128	362.3	16.10
3	20.05.2020	27.05.2020	8.116	352.6	15.67

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Grade of Concrete : M_{20}

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	20.05.2020	17.06.2020	8.189	512.3	22.77
2	20.05.2020	17.06.2020	8.168	500.9	22.26
3	20.05.2020	17.06.2020	8.150	489.6	21.76

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Cross Sectional Area : 22500 mm^2

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Grade of Concrete : M_{20}

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	20.05.2020	27.05.2020	8.166	356.3	15.84
2	20.05.2020	27.05.2020	8.138	364.5	16.20
3	20.05.2020	27.05.2020	8.124	332.6	14.78

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Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{20}

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	20.05.2020	17.06.2020	8.158	505.2	22.45
2	20.05.2020	17.06.2020	8.184	516.3	22.95
3	20.05.2020	17.06.2020	8.192	532.4	23.66

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Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	20.05.2020	27.05.2020	8.135	346.5	15.40
2	20.05.2020	27.05.2020	8.129	352.8	15.68
3	20.05.2020	27.05.2020	8.115	336.3	14.95

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Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	20.05.2020	17.06.2020	8.187	506.3	22.50
2	20.05.2020	17.06.2020	8.196	515.2	22.90
3	20.05.2020	17.06.2020	8.155	489.6	21.76

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Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	18.06.2020	25.06.2020	8.166	345.2	15.34
2	18.06.2020	25.06.2020	8.184	329.6	14.65
3	18.06.2020	25.06.2020	8.152	365.3	16.24

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